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Lys Asp Glu His Tyr Ser Val Ser Cys Gln Asn Gly Ser Val Leu Lys

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105

110

agc aag ttt gct aaa att tta aag agt cat gat tat acc gat aaa aag 384

Ser Lys Phe Ala Lys Ile Leu Lys Ser His Asp Tyr Thr Asp Lys Lys

115

120

125

tct att gaa gct tac gag aaa tac tgt ttg ccc aaa ttg gtc gac gaa 432

Ser Ile Glu Ala Tyr Glu Lys Tyr Cys Leu Pro Lys Leu Val Asp Glu

130

135

140

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Arg Asn Asp Tyr Tyr Val Ala Val Cys Val Leu Lys Pro Gly Phe Glu

145

150

155

160

aac ggc agc aac caa gtg cta tct ttc gag tac aac ccg att ggt aac 528

Asn Gly Ser Asn Gln Val Leu Ser Phe Glu Tyr Asn Pro Ile Gly Asn

165

170

175

aaa gtt att gtg ccg ttt gct cac gaa att aac gac acg gga ctt tac 576

Lys Val Ile Val Pro Phe Ala His Glu Ile Asn Asp Thr Gly Leu Tyr

180

185

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gag tac gac gtc gta gct tac gtg gac agt gtg cag ttt gat ggc gaa 624

Glu Tyr Asp Val Val Ala Tyr Val Asp Ser Val Gln Phe Asp Gly Glu

195

200

205

caa ttt gaa gag ttt gtg cag agt tta ata ttg ccg tcg tcg ttc aaa 672

Gln Phe Glu Glu Phe Val Gln Ser Leu Ile Leu Pro Ser Ser Phe Lys

210

215

220

00518763 030300

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 Asn Ser Glu Lys Val Leu Tyr Tyr Asn Glu Ala Ser Lys Asn Lys Ser
 225 230 235 240

atg atc tac aag gct tta gag ttt act aca gaa tcg agc tgg ggc aaa 768
 Met Ile Tyr Lys Ala Leu Glu Phe Thr Thr Glu Ser Ser Trp Gly Lys
 245 250 255

tcc gaa aag tat aat tgg aaa att ttt tgt aac ggt ttt att tat gat 816
 Ser Glu Lys Tyr Asn Trp Lys Ile Phe Cys Asn Gly Phe Ile Tyr Asp
 260 265 270

aaa aaa tca aaa gtg ttg tat gtt aaa ttg cac aat gta act agt gca 864
 Lys Lys Ser Lys Val Leu Tyr Val Lys Leu His Asn Val Thr Ser Ala
 275 280 285

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10

15

00518763-030300

Arg Asp Cys Gln Val Asp Lys Gln Thr Arg Glu Leu Val Tyr Ile Asn
 20 25 30

Lys Ile Met Asn Thr Gln Leu Thr Lys Pro Val Leu Met Met Phe Asn
 35 40 45

Ile Ser Gly Pro Ile Arg Ser Val Thr Arg Lys Asn Asn Asn Leu Arg
 50 55 60

Asp Arg Ile Lys Ser Lys Val Asp Glu Gln Phe Asp Gln Leu Glu Arg
 65 70 75 80

Asp Tyr Ser Asp Gln Met Asp Gly Phe His Asp Ser Ile Lys Tyr Phe
 85 90 95

Lys Asp Glu His Tyr Ser Val Ser Cys Gln Asn Gly Ser Val Leu Lys
 100 105 110

Ser Lys Phe Ala Lys Ile Leu Lys Ser His Asp Tyr Thr Asp Lys Lys
 115 120 125

Ser Ile Glu Ala Tyr Glu Lys Tyr Cys Leu Pro Lys Leu Val Asp Glu
 130 135 140

Arg Asn Asp Tyr Tyr Val Ala Val Cys Val Leu Lys Pro Gly Phe Glu
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255

270

285

295

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oligonucleotide primer

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oligonucleotide primer

ctagctatta cgaccagccg ctggcatctt tccaactt

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primer

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